



TOWN OF ARLINGTON  
Department of Public Works  
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## **Warren Street Traffic Calming Project**

### **Introduction:**

The Department of public Works is planning work along Warren Street in coordination with the addition of new ADA compliant curb cuts and curb ramps. This work will add ADA compliant access where there currently is none, as well as remove and replace non-compliant sections of sidewalks. As part of this project the Engineering Division is proposing pedestrian curb extensions with appurtenant pedestrian crossing and advance warning signage to provide a traffic calming effect on the Warren Street corridor.

The Engineering Division has previously received phone calls and on-line requests to address vehicle speeds and noise caused by a what was described as an increase in truck volume. The Engineering Division began monitoring activities along Warrant Street in the Spring of 2022 to identify if traffic calming measures should be implemented as part of the future work project. Observations included identifying pedestrian volume, direction of travel and crossing locations. No speed studies or traffic counts were performed, however, there were no flagrant issues observed relating to speed issues or excessive truck volume.

Based on observations of pedestrian activity, it was determined that the areas of Thompson School on Everett Street, Gibbs School on Foster St. and the St. Agnes School at Medford/Warren Street were the primary pedestrian generators for pedestrian traffic along Warren Street at the peak hours associated with school drop-off and pick-up times. The majority of the pedestrian crossings of Warren St. occurred primarily between Rawson Road and River Street on the east end, and Franklin Street and Medford Street on the west end, with each area exceeding 50 pedestrian crossings during the peak hour.

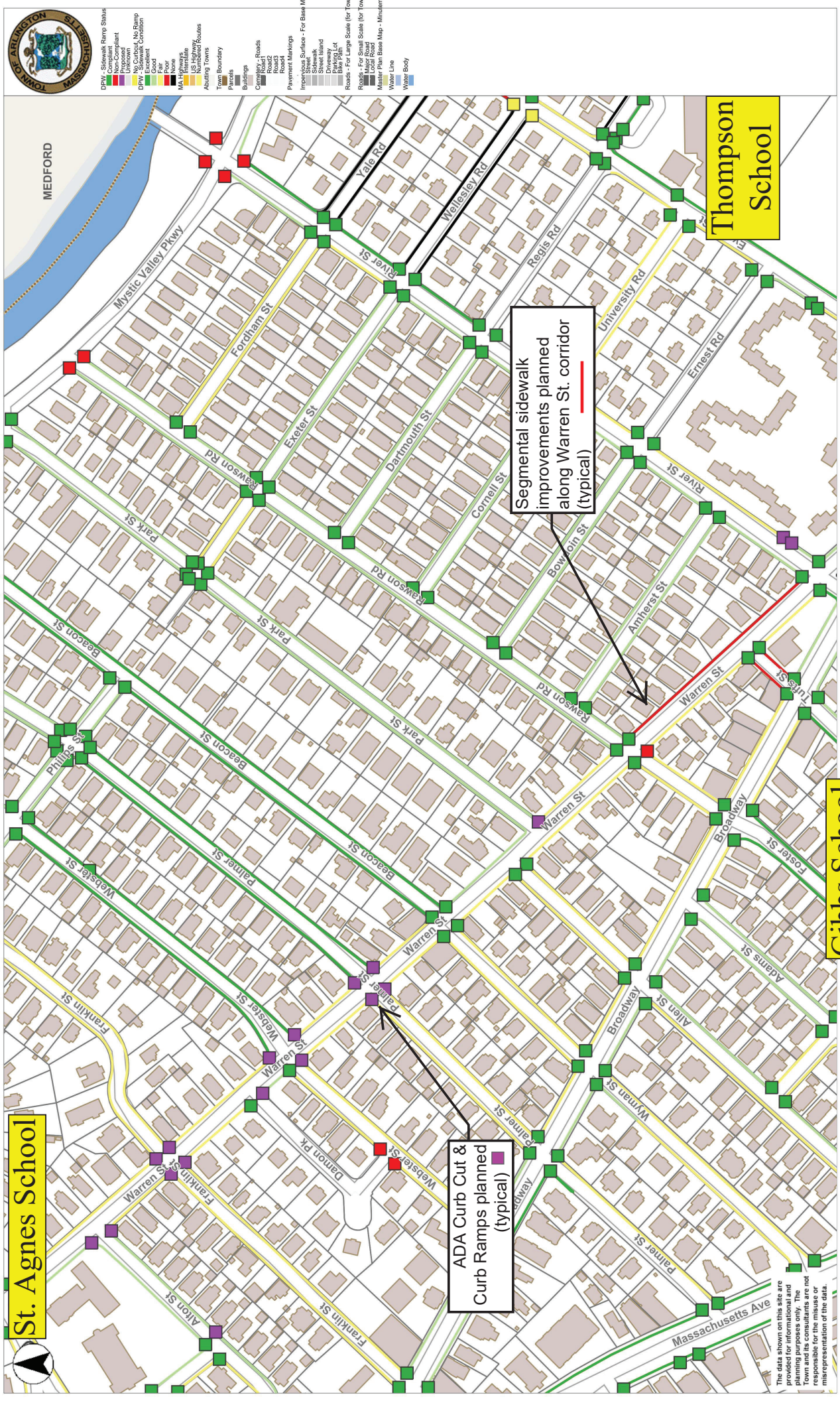
Due to the observed numbers, the Engineering Division proceeded to design curb extensions at the following locations:

1. Warren St. at Park St./Allen St.:this location functionally coincides with pedestrian crossing requirements for both the Gibbs School and the Thompson School.
2. Warren St. at Webster St.:

Both of these proposed design locations are tributary to a large number of parcels and potential pedestrians/students, and provide equidistant and convenient crossings for pedestrians transitting the corridor. Placement of these pedestrian curb extensions in conjunction with suitable pedestrian crossing and advanced warning signage will provide a consistent visual queue along the corridor to reduce traffic speeds and provide consistent expectations for pedestrian crossing activity.

The attached Locus Map provides an overview of the local pedestrian generators as well as the select area of parcels that would likely utilize the potential improvements for pedestrian crossing. As well as an anticipated zone for people that may utilize the open space improvements.





Warren Street - Pedestrian Infrastructure; Conditional Assessment

**Gibbs School**

St. Agnes School

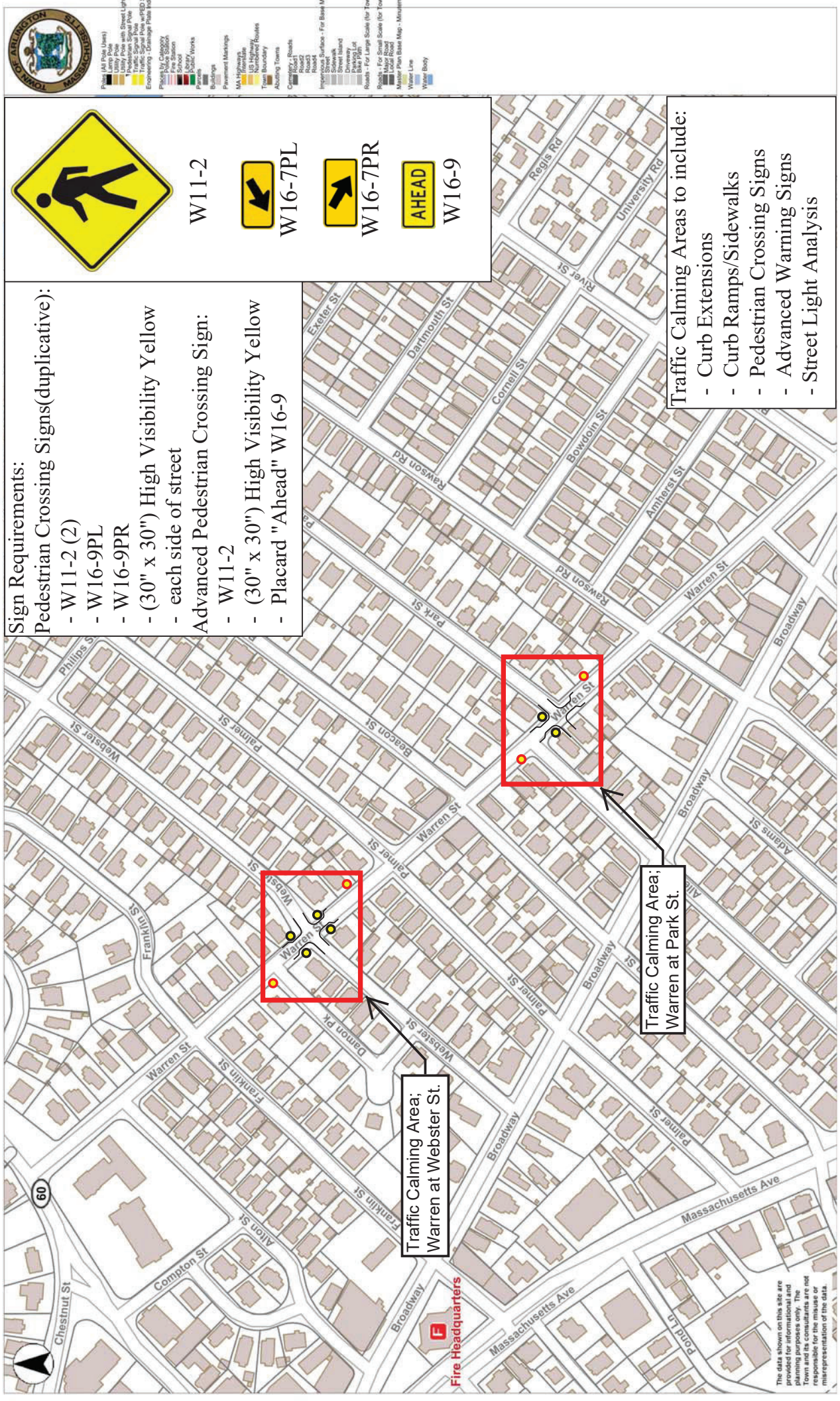
ADA Curb Cut &  
Curb Ramps planned  
(typical) ■

Segmental sidewalk improvements planned along Warren St. corridor (typical)

**Thompson  
School**

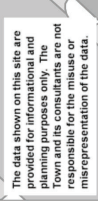
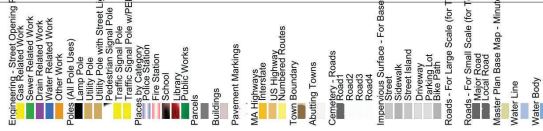
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Warren Street Traffic Calming Improvements

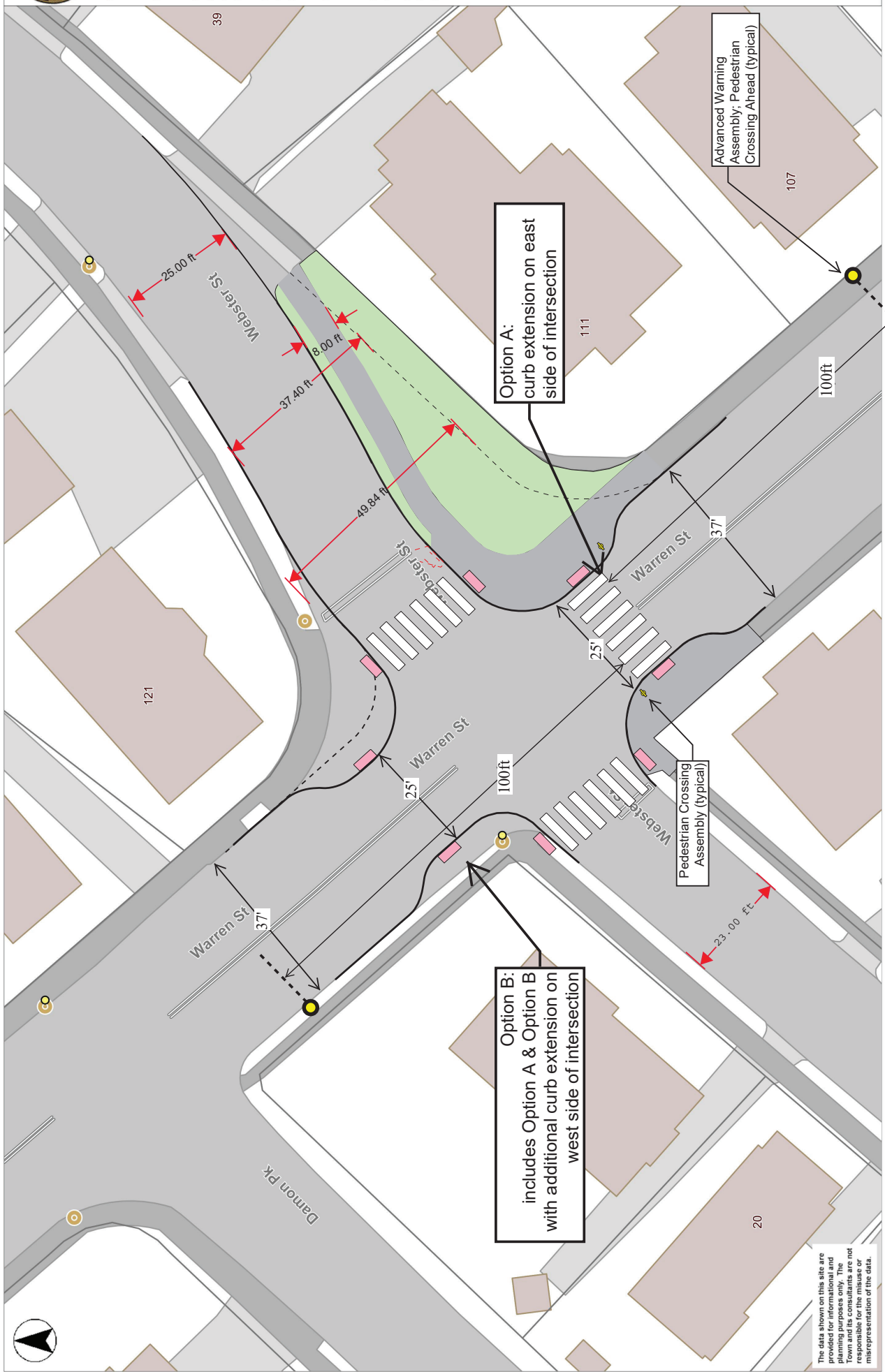




Curb Extensions at Warren St. and Park St./Allen St.



- Poles (All Pole Uses)
- Lamp Pole
- Utility Pole
- Utility Pole with Street Light
- Pedestrian Signal Pole
- Traffic Signal Pole w/FWD
- Fire Station
- Police Station
- Library
- Public Works
- Parade
- Building
- Pavement Markings
- MA Highway
- US Highway
- Intersecting Routes
- Town Boundary
- Abutting Towns
- County Road
- State Road
- Local Road
- Importance Surfaces - For Base Map
- Shoulder
- Subway
- Driveway
- Barrel Vt
- Roads - For Large Scale (for Town)
- Roads - For Small Scale (for Town)
- Major Road
- Master Plan Base Map - Minimal
- Water Line
- Water Body



Option A:  
curb extension on east  
side of intersection

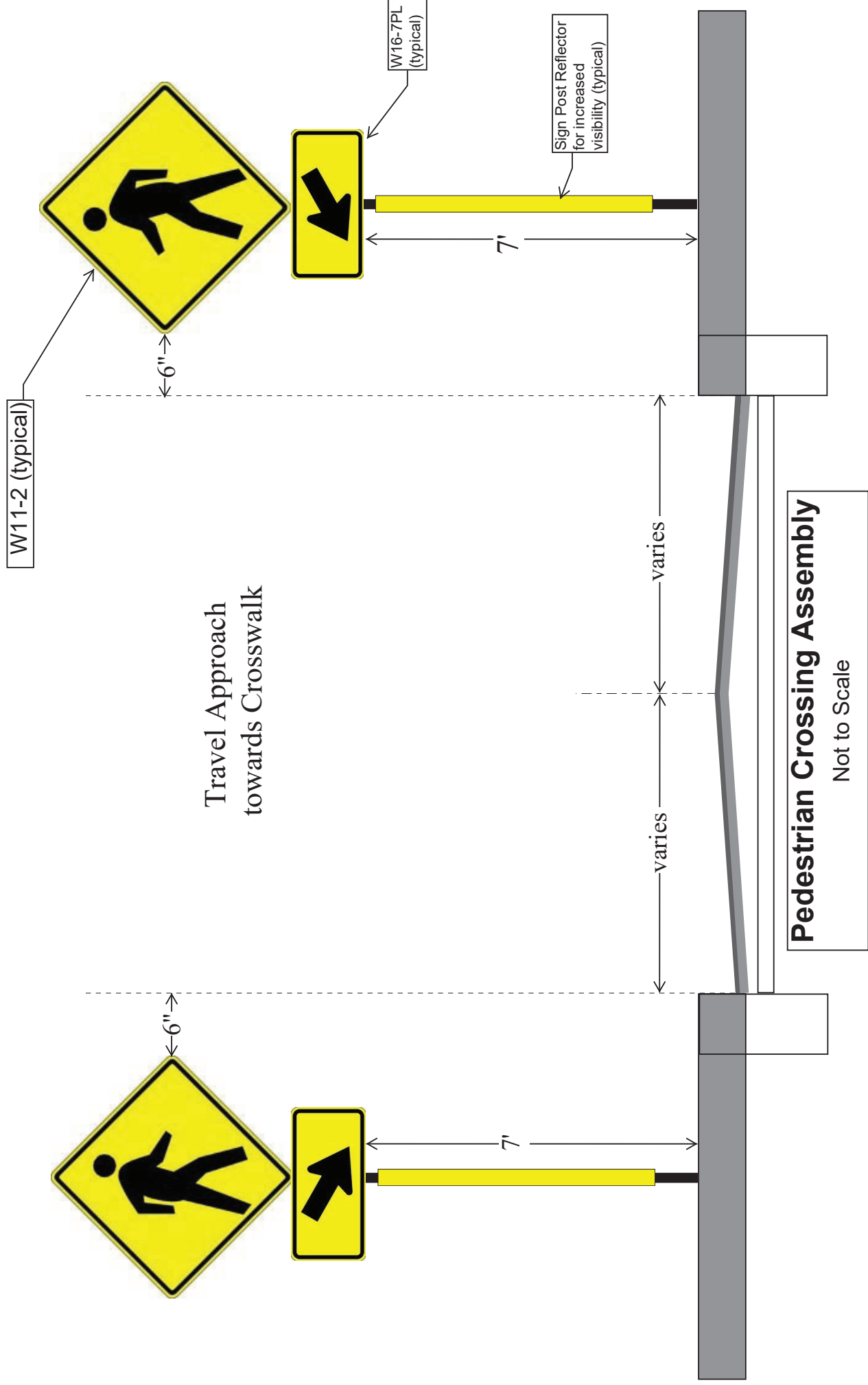
Option B:  
includes Option A & Option B  
with additional curb extension on  
west side of intersection

Advanced Warning  
Assembly; Pedestrian  
Crossing Ahead (typical)

Pedestrian Crossing  
Assembly (typical)

# Warren St. at Webster St. - Geometry Modifications

Printed on 11/10/2022 at 12:21 PM



W11-2 (typical)



6"

Travel Approach  
towards Crosswalk  
(minimum 100 feet prior to crosswalk)



W16-9  
(typical)

7"

varies

varies

**Advanced Warning Assembly  
Crosswalk Ahead**

Not to Scale

